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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/633,706	KO, CHANG-SEOG	
	Examiner	Art Unit	
	ANTHONY BANTAMOI	2423	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *17 February 2009*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-31* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-31* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claim 3 and 18 have been fully considered but they are not persuasive.

With respect to claim 3, Applicant argues that the applied references, either alone or in combination, fail to satisfy the above-identified feature. For example, Lemmons fails to disclose "a program cell display unit which extracts program information corresponding to a mode, which is based on the mode information input to the mode information input unit, and a day, which is based on the day information input to the day information input unit, from the program information stored in the program information database and displays the extracted program information as a program cell having a uniform format, regardless of a predetermined characteristic of the program information" as recited in claim 3 (See Remarks page 13, paragraph seven and page 14 paragraph one).

Examiner maintains that the combination of Lemmons and Scheelke adequately meet "a program cell display unit which extracts program information corresponding to a mode, which is based on the mode information input to the mode information input unit, and a day, which is based on the day information input to the day information input unit, from the program information stored in the program information database and displays the extracted program information as a program cell having a uniform format, regardless of a predetermined characteristic of the program information" in that Lemmons teaches a program cell display unit which extracts program information corresponding to a

mode, which is based on the mode information input to the mode information input unit, and a day, which is based on the day information input to the day information input unit, from the program information stored in the program information database and displays the extracted program information (Para. 0088, ll. 7-15 , figures 3-6 (user specifying a day and date information for the program guide to locate the schedule for the specified day and date)).

And Scheelke teaches displaying as a program cell having a uniform format, regardless of a predetermined characteristic of the program information (figure 2, (time and show information in a uniform format)).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine Lemmons and Scheelke to achieve "a program cell display unit which extracts program information corresponding to a mode, which is based on the mode information input to the mode information input unit, and a day, which is based on the day information input to the day information input unit, from the program information stored in the program information database and displays the extracted program information as a program cell having a uniform format, regardless of a predetermined characteristic of the program information" as recited in calm 3.

Examine maintains the rejection of claim 18 for the same reasons as above.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1-2, 16-17, and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent Publication 2003/0115603 to Lemmons et al. (Lemmons), in view of US Patent Publication 2006/0259926 to Scheelke et al. (Scheelke).

Regarding claim 1, Lemmons teaches a user-selected information input unit which receives user-selected information including day information about broadcast days from a user (figure 2, label 80, & Para. 0088, ll. 7-15 , figures 3-6 (user specifying a day and date information for the program guide to locate the schedule for the specified day and date)).

In addition Lemmons teaches a program cell display unit which displays program information corresponding to objects, which are based on the user-selected information and the day information input to the user-selected information input unit (Para. 0088, ll. 7-15 , & figure 2, label 84).

Lemmons is silent about the and, as a program cell having a uniform format, regardless of a predetermined characteristic of the program information.

Scheelke teaches a program cell having a uniform format, regardless of a predetermined characteristic of the program information (figure 2, labels 220).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Lemmons to include a program cell having a uniform format, regardless of a predetermined characteristic of the

program information as taught by Scheelke in order to provider a program guide that is adaptable to display multiple program sources.

Regarding claim 2, Lemmons teaches the program information display, wherein the user-selected information includes mode information about display modes (Para. 0088, ll. 1-9 (mode information is met by quick menu (figure 3, label 116))).

In addition Lemmons teaches the program information comprises program title information (figure 3, label 112) broadcast time information (figure 3, label 102) viewer age restriction information (figure 7, label 214 and pay- per-view information and the predetermined characteristic of the program information is a length of a broadcast (Para. 0119 & figure 3, label 102)).

Regarding claim 16, Lemmons teaches receiving user-selected information including day information about at least one broadcast day from a user; and displaying program information corresponding to objects, which is based on the received user-selected information and the day information (Para. 0088, ll. 7-15 , figures 3-6 (user specifying a day and date information for the program guide to locate the schedule for the specified day and date)).

Lemmons is silent about displaying as a program cell having a uniform format, regardless of a predetermined characteristic of the program information.

Scheelke teaches displaying as a program cell having a uniform format, regardless of a predetermined characteristic of the program information (figure 2, labels 220).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Lemmons to include displaying as a program cell having a uniform format, regardless of a predetermined characteristic of the program information as taught by Scheelke in order to provider a program guide that is adaptable to display multiple program sources.

Regarding claim 17, Lemmons teaches the program information display method, wherein the user-selected information includes mode information about at least one display mode (Para. 0088, ll. 1-9 (mode information is met by quick menu (figure 8, label 116): Lemmons teaches the program information includes program title information (figure 3, label 112: broadcast time information (figure 3, label 102: viewer age restriction information (figure 7, label 214 and pay- per-view information and the predetermined characteristic of the program information is a length of a broadcast (Para. 0119 & figure 3, label 102).

Claim 31 is the software that performs the steps of claim 16. Thus claim 31 is rejected for the same reasons as claim 16.

4. Claims 3-4, 8, 10, 14-15, 18-19, 23, 25, and 29-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent Publication 2004/0078810 to Marics et al. (Marics), in view of Lemmons, in view of Scheelke.

Regarding claim 3, Marics teaches a program information receiving unit which receives program information about electronic program guide organization programs from a broadcast station (figure 3, label 36: Marics teaches a program information database which stores the program information received in the program information

receiving unit (figure 3, label 40: Marics teaches a mode information input unit which receives mode information about electronic program guide display modes, from a user (figure 3, label 42).

Marics is silent about a day information input unit which receives day information about electronic program guide organization days from a user; and a program cell display unit which extracts program information corresponding to a mode, which is based on the mode information input to the mode information input unit, and a day, which is based on the day information input to the day information input unit, from the program information stored in the program information database and displays the extracted program information as a program cell having a uniform format, regardless of a predetermined characteristic of the program information.

Lemmons teaches a day information input unit which receives day information about electronic program guide organization days from a user (Para. 0088, ll. 1-9: Lemmons teaches a program cell display unit which extracts program information corresponding to a mode (figure 2, label 74: which is based on the mode information input to the mode information input unit, and a day, which is based on the day information input to the day information input unit(figure 2, label 80: from the program information stored in the program information database (figure 2, label 76).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics to include a day information input unit which receives day information about electronic program guide organization days from a user; and a program cell display unit which extracts program

information corresponding to a mode, which is based on the mode information input to the mode information input unit, and a day, which is based on the day information input to the day information input unit, from the program information stored in the program information database as taught by Lemmons in order to provide an interactive program guide.

Marics and Lemmons are silent about displays the extracted program information as a program cell having a uniform format, regardless of a predetermined characteristic of the program information.

Scheelke teaches displays the extracted program information as a program cell having a uniform format, regardless of a predetermined characteristic of the program information (figure 2, labels 220).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics and Lemmons to include a program cell having a uniform format, regardless of a predetermined characteristic of the program information as taught by Scheelke in order to provider a program guide that is adaptable to display multiple program sources.

Regarding claim 4, Marics teaches the electronic program guide display, further comprising an initial information receiving unit which receives initial information including current day information and current time information from the broadcast station (figure 3, label 36).

Regarding claim 8, Marics and Scheelke are silent about the electronic program guide display, further comprising a mode information display unit and day information display unit which displays the mode information and the day information for the user.

Lemmons teaches the electronic program guide display, further comprising a mode information display unit and day information display unit which displays the mode information and the day information for the user (Para. 0088, 1-9).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics and Scheelke to include the electronic program guide display, further comprising a mode information display unit and day information display unit which displays the mode information and the day information for the user as taught by Lemmons in order to provide an interactive program guide.

Regarding claim 10, Marics and Scheelke are silent about the electronic program guide display, wherein the program information comprises program title information, broadcast time information, viewer age restriction information, and pay-per-view information, and the characteristic of the program information is a length of the broadcast.

Lemmons teaches the electronic program guide display, wherein the program information comprises program title information (figure 3, label 112: broadcast time information (figure 3, label 102: viewer age restriction information (figure 7, label 214 and pay- per-view information and the predetermined characteristic of the program information is a length of a broadcast (Para. 0119 & figure 3, label 102).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics and Scheelke to include the electronic program guide display, wherein the program information comprises program title information, broadcast time information, viewer age restriction information, and pay-per-view information, and the characteristic of the program information is a length of the broadcast as taught by Lemmons in order to provide an interactive program guide.

Regarding claim 14, Marics and Scheelke are silent about the electronic program guide display, wherein the day information indicates one of a day of a week and an entire week.

Lemmons teaches the electronic program guide display, wherein the day information indicates one of a day of a week and an entire week (figure 8).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics and Scheelke to include the electronic program guide display, wherein the day information indicates one of a day of a week and an entire week as taught by Lemmons in order to provide an interactive program guide.

Regarding claim 15, Marics and Scheelke are silent about the electronic program guide display, wherein when the day information input to the day information input unit indicates the entire week, the program cell display unit extracts program information corresponding to the entire week from the program information stored in the program

information database and displays the extracted program information as the program cell.

Lemmons teaches the electronic program guide display, wherein when the day information input to the day information input unit indicates the entire week, the program cell display unit extracts program information corresponding to the entire week from the program information stored in the program information database and displays the extracted program information as the program cell (figure 8).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics and Scheelke to include the electronic program guide display, wherein when the day information input to the day information input unit indicates the entire week, the program cell display unit extracts program information corresponding to the entire week from the program information stored in the program information database and displays the extracted program information as the program cell as taught by Lemmons in order to provide an interactive program guide.

Regarding claim 18, Marics teaches receiving program information about at least one electronic program guide organization program from a broadcast station (figure 3, label 36: Marics teaches storing the received program information (figure 3, label 40: Marics teaches receiving mode information about at least one electronic program guide display mode from a user (figure 3, label 42).

Marics is silent about receiving day information about at least one electronic program guide organization day from a user; and extracting program information

corresponding to a mode indicated by the received mode information and a day indicated by the received day information, from the stored program information and displaying the extracted program information as cells having a uniform format, regardless of a predetermined characteristic of the program information.

Lemmons teaches about receiving day information about at least one electronic program guide organization day from a user (Para. 0088, ll. 1-9: Lemmons teaches extracting program information corresponding to a mode (figure 2, label 74: indicated by the received mode information and a day indicated by the received day information (figure 2, label 80: from the stored program information (figure 2, label 76).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics to include receiving day information about at least one electronic program guide organization day from a user; and extracting program information corresponding to a mode indicated by the received mode information and a day indicated by the received day information, from the stored program information as taught by Lemmons in order to provide an interactive program guide.

Marics and Lemmons are silent about displaying the extracted program information as cells having a uniform format, regardless of a predetermined characteristic of the program information.

Scheelke teaches displaying the extracted program information as cells having a uniform format, regardless of a predetermined characteristic of the program information (figure 2, labels 220).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics and Lemmons to include displaying the extracted program information as cells having a uniform format, regardless of a predetermined characteristic of the program information as taught by Scheelke in order to provider a program guide that is adaptable to display multiple program sources.

Regarding claim 19, Marics teaches the electronic program guide display method, further comprising receiving initial information including current day information and current time information from the broadcast station (figure 3, label 36).

Regarding claim 23, Marics and Scheelke are silent about the electronic program guide display method, further comprising step (f) displaying the mode information and the day information for the user.

Lemmons teaches the electronic program guide display method, further comprising step (f) displaying the mode information and the day information for the user (Para. 0088, 1-9).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics and Scheelke to include the electronic program guide display method, further comprising step (f) displaying the mode information and the day information for the user as taught by Lemmons in order to provide an interactive program guide.

Regarding claim 25, Marics and Scheelke are silent about the electronic program guide display method, wherein the program information comprises program title

information, program time information, viewer age restriction information and pay-per-view information, and the predetermined characteristic of the program information is a length of the broadcast.

Lemmons teaches the electronic program guide display, wherein the program information comprises program title information (figure 3, label 112: program time information (figure 3, label 102: viewer age restriction information (figure 7, label 214 and pay- per-view information and the predetermined characteristic of the program information is a length of a broadcast (Para. 0119 & figure 3, label 102).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics and Scheelke to include the electronic program guide display, wherein the program information comprises program title information, program time information, viewer age restriction information, and pay-per-view information, and the characteristic of the program information is a length of the broadcast as taught by Lemmons in order to provide an interactive program guide.

Regarding claim 29, Marics and Scheelke are silent about the electronic program guide display method, wherein the received day information indicates one of a day of a week and an entire week.

Lemmons teaches the electronic program guide display method, wherein the received day information indicates one of a day of a week and an entire week (figure 8).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics and Scheelke to include

the electronic program guide display method, wherein the received day information indicates one of a day of a week and an entire week as taught by Lemmons in order to provide an interactive program guide.

Regarding claim 30, Marics and Scheelke are silent about the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to the entire week, and is displayed as a program cell, when the received day information indicates the entire week.

Lemmons teaches the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to the entire week, and is displayed as a program cell, when the received day information indicates the entire week (figure 8).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics and Scheelke to include the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to the entire week, and is displayed as a program cell, when the received day information indicates the entire week as taught by Lemmons in order to provide an interactive program guide

5. Claims 5-7, 9, 20-22, and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Marics, in view of Lemmons, in view of Scheelke, in view of US Patent 7,065,777 to Inoue. (Inoue).

Regarding claim 5, Marics, Lemmons, and Scheelke are is silent about the electronic program guide display, wherein when no mode information is input to the

mode information input unit and no day information is input to the day information input unit, the program cell display unit extracts program information corresponding to a mode indicated by basic mode information and a day indicated by the current day information, from the program information stored in the program information database and displays the extracted program information as the program cell.

Inoue teaches the electronic program guide display, wherein when no mode information is input to the mode information input unit and no day information is input to the day information input unit, the program cell display unit extracts program information corresponding to a mode indicated by basic mode information and a day indicated by the current day information (column 8, 37-48 & figure 5: from the program information stored in the program information database and displays the extracted program information as the program cell (figure 1, label 16).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics, Lemmons, and Scheelke to include the electronic program guide display, wherein when no mode information is input to the mode information input unit and no day information is input to the day information input unit, the program cell display unit extracts program information corresponding to a mode indicated by basic mode information and a day indicated by the current day information, from the program information stored in the program information database and displays the extracted program information as the program cell as taught by Inoue in order to allow user to view program cells corresponding to different categories in the program guide.

Regarding claim 6, Marics, Lemmons and Inoue are silent about the electronic program guide display, wherein the program cell display unit displays program information corresponding to a time point indicated by the current time information among the extracted program information, based on the initial information received in the initial information receiving unit, as a left most program cell of displayed program cells.

Scheelke teaches about the electronic program guide display, wherein the program cell display unit displays program information corresponding to a time point indicated by the current time information among the extracted program information, based on the initial information received in the initial information receiving unit, as a left most program cell of displayed program cells. (figure 2, labels 220).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics, Lemmons and Inoue to include the electronic program guide display, wherein the program cell display unit displays program information corresponding to a time point indicated by the current time information among the extracted program information, based on the initial information received in the initial information receiving unit, as a left most program cell of displayed program cells as taught by Scheelke in order to provider a program guide that is adaptable to display multiple program sources.

Regarding claim 7, Marics, Lemmons, and Scheelke are silent about the electronic program guide display, wherein when an initial picture restoration command is input from a user, the program cell display unit extracts program information

corresponding to a mode indicated by basic mode information and a day indicated by the current day information, from the program information stored in the program information database and displays the extracted program information as the program cell.

Inoue teaches the electronic program guide display, wherein when an initial picture restoration command is input from a user, the program cell display unit extracts program information corresponding to a mode indicated by basic mode information and a day indicated by the current day information (figure 5, label 34 (today): Inoue teaches from the program information stored in the program information database and displays the extracted program information as the program cell (figure 1, label16).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics, Lemmons, and Scheelke to include the electronic program guide display, wherein when an initial picture restoration command is input from a user, the program cell display unit extracts program information corresponding to a mode indicated by basic mode information and a day indicated by the current day information, from the program information stored in the program information database and displays the extracted program information as the program cell as taught by Inoue in order to allow user to view program cells corresponding to different categories in the program guide.

Regarding claim 9, Marics, Lemmons, and Scheelke are silent about the electronic program guide display, wherein the mode information display unit and the day information display unit comprises: a mode information icon display unit which displays

the mode information respectively mode which the mode information input to the mode information input unit indicates, in such a manner that the icon is distinguished from other icons; and a day information icon display unit which displays the day information respectively as at least one icon for the user and displays an icon corresponding to a day which the day information input to the day information input unit indicates, in such a manner that the icon is distinguished from other icons.

Inoue teaches the electronic program guide display, wherein the mode information display unit and the day information display unit comprises: a mode information icon display unit which displays the mode information respectively mode which the mode information input to the mode information input unit indicates, in such a manner that the icon is distinguished from other icons (figure 5, label 37: and a day information icon display unit which displays the day information respectively as at least one icon for the user and displays an icon corresponding to a day which the day information input to the day information input unit indicates, in such a manner that the icon is distinguished from other icons (figure 5, label 34).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics, Lemmons, and Scheelke to include the electronic program guide display, wherein the mode information display unit and the day information display unit comprises: a mode information icon display unit which displays the mode information respectively mode which the mode information input to the mode information input unit indicates, in such a manner that the icon is distinguished from other icons; and a day information icon

display unit which displays the day information respectively as at least one icon for the user and displays an icon corresponding to a day which the day information input to the day information input unit indicates, in such a manner that the icon is distinguished from other icons as taught by Inoue in order to allow user to view program cells corresponding to different categories in the program guide.

Regarding claim 20, Marics, Lemmons, and Scheelke are is silent about the electronic program guide display method, wherein in the step (e) the program information extracted from the stored program information corresponds to a mode indicated by basic mode information and a day indicated by the current day information, and is displayed as a program cell, when no mode information is input and no day information is received from the user.

Inoue teaches the electronic program guide display method, wherein when no mode information is input and no day information is received from the user, in the step (e) the program information extracted from the stored program information corresponds to a mode indicated by basic mode information and a day indicated by the current day information, and is displayed as a program cell (column 8, 37-48).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics, Lemmons, and Scheelke to include the electronic program guide display method, wherein when no mode information is input and no day information is received from the user, in the step (e) the program information extracted from the stored program information corresponds to a mode indicated by basic mode information and a day indicated by the current day

information, and is displayed as a program cell as taught by Inoue in order to allow user to view program cells corresponding to different categories in the program guide.

Regarding claim 21, Marics, Lemmons and Inoue are silent about the electronic program guide display method, wherein in the step (e), program information corresponding to a time point indicated by the current time information among the extracted program information is displayed, based on the received initial information, as a left most program cell of the displayed program cells.

Scheelke teaches about the electronic program guide display method, wherein in the step (e), program information corresponding to a time point indicated by the current time information among the extracted program information is displayed, based on the received initial information, as a left most program cell of the displayed program cells (figure 2, labels 220).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics, Lemmons and Inoue to include the electronic program guide display method, wherein in the step (e), program information corresponding to a time point indicated by the current time information among the extracted program information is displayed, based on the received initial information, as a left most program cell of the displayed program cells as taught by Scheelke in order to provider a program guide that is adaptable to display multiple program sources.

Regarding claim 22, Marics, Lemmons, and Scheelke are silent about the electronic program guide display method, wherein in the step (e), the program

information corresponds to a mode indicated by basic mode information and a day indicated by the current day information, and is displayed as a program cell, when an initial picture restoration command is input from the user.

Inoue teaches the electronic program guide display method, wherein in the step (e), the program information corresponds to a mode indicated by basic mode information and a day indicated by the current day information, and is displayed as a program cell, when an initial picture restoration command is input from the user (figure 5, label 34 (today)).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics, Lemmons, and Scheelke to include the electronic program guide display method, wherein in the step (e), the program information corresponds to a mode indicated by basic mode information and a day indicated by the current day information, and is displayed as a program cell, when an initial picture restoration command is input from the user as the program cell as taught by Inoue in order to allow user to view program cells corresponding to different categories in the program guide.

Regarding claim 24, Marics, Lemmons, and Scheelke are silent the electronic program guide display method, wherein the step (f) comprises: (fl) displaying the mode information respectively as icons for the user, and displaying an icon corresponding to the mode which the received mode information indicates in such a manner that the icon is distinguished from other icons; and (f2) displaying the day information respectively as icons for the user, and displaying an icon corresponding to the day which the received

day information indicates in such a manner that the icon is distinguished from other icons.

Inoue teaches silent the electronic program guide display method, wherein the step (f) comprises: (fl) displaying the mode information respectively as icons for the user, and displaying an icon corresponding to the mode which the received mode information indicates in such a manner that the icon is distinguished from other icons (figure 5, label 37: and (f2) displaying the day information respectively as icons for the user, and displaying an icon corresponding to the day which the received day information indicates in such a manner that the icon is distinguished from other icons (figure 5, label 34).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics, Lemmons, and Scheelke to include the electronic program guide display method, wherein the step (f) comprises: (fl) displaying the mode information respectively as icons for the user, and displaying an icon corresponding to the mode which the received mode information indicates in such a manner that the icon is distinguished from other icons; and (f2) displaying the day information respectively as icons for the user, and displaying an icon corresponding to the day which the received day information indicates in such a manner that the icon is distinguished from other icons as taught by Inoue in order to allow user to view program cells corresponding to different categories in the program guide.

1. Claims 11-13, and 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Marics, in view of Lemmons, in view of Scheelke, in view of Knudson et al US Patent Publication 2007/0288958 (hereafter referenced as Knudson).

Regarding claim 11, Marics, Lemmons, and Scheelke are silent about the electronic program guide display, wherein the mode information includes setting information of the program information and type information of the program information, wherein the setting information indicates one of a display-on setting and display-off setting for the respective program information and the type information indicates one of drama, news, sports, movies and all of the above, as a display basis for the respective program information.

Knudson teaches the electronic program guide display, wherein the mode information includes setting information of the program information and type information of the program information (figure 9: wherein the setting information indicates one of a display-on setting and display-off setting for the respective program information (Para. 0155: and the type information indicates one of drama, news, sports, movies and all of the above, as a display basis for the respective program information (figure 9, label 102).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics, Lemmons, and Scheelke to include the electronic program guide display, wherein the mode information includes setting information of the program information and type information of the program information, wherein the setting information indicates one of a display-on

setting and display-off setting for the respective program information and the type information indicates one of drama, news, sports, movies and all of the above, as a display basis for the respective program information as taught by Knudson in order to enhance user interactivity in a new way.

Regarding claim 12, Marics, Lemmons, and Scheelke are silent about the electronic program guide display, wherein when the mode information input to the mode information input unit is the setting information, the program cell display unit extracts program information corresponding to the display-on setting that the setting information indicates, from the program as at least one icon for the user and displays an icon corresponding to the information stored in the program information database and displays the extracted program information as the program cell.

Knudson teaches the electronic program guide display, wherein when the mode information input to the mode information input unit is the setting information, the program cell display unit extracts program information corresponding to the display-on setting that the setting information indicates, from the program as at least one icon for the user and displays an icon corresponding to the information stored in the program information database and displays the extracted program information as the program cell (figure 9, label 102(setup)).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics, Lemmons, and Scheelke to include the electronic program guide display, wherein when the mode information input to the mode information input unit is the setting information, the

program cell display unit extracts program information corresponding to the display-on setting that the setting information indicates, from the program as at least one icon for the user and displays an icon corresponding to the information stored in the program information database and displays the extracted program information as the program cell as taught by Knudson in order to enhance user interactivity in a new way.

Regarding claim 13, Marics, Lemmons, and Scheelke are silent about the electronic program guide display, wherein when the mode information input to the mode information input unit is the type information, the program cell display unit extracts program information corresponding to the type which the type information indicates, from the program information stored in the program information database and displays the extracted program information as the program cell.

Knudson teaches the electronic program guide display, wherein when the mode information input to the mode information input unit is the type information, the program cell display unit extracts program information corresponding to the type which the type information indicates, from the program information stored in the program information database and displays the extracted program information as the program cell (figure 12b).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Marics, Lemmons, and Scheelke to include the electronic program guide display, wherein when the mode information input to the mode information input unit is the type information, the program cell display unit extracts program information corresponding to the type which the type

information indicates, from the program information stored in the program information database and displays the extracted program information as the program cell as taught by Knudson in order to enhance user interactivity in a new way.

Regarding claim 26, Marics, Lemmons, and Scheelke are silent about the electronic program guide display method, wherein the mode information comprises setting information related to the program information and type information related to the program information, wherein the setting information indicates one of a display-on setting and display-off setting, for displaying and not displaying the respective program information, and the type information indicates at least one of drama, news, sports, and movies as a display basis for the respective program information.

Knudson the electronic program guide display method, wherein the mode information comprises setting information related to the program information and type information related to the program information (figure 9: wherein the setting information indicates one of a display-on setting and display-off setting, for displaying and not displaying the respective program information (Para. 0155: and the type information indicates at least one of drama, news, sports, and movies as a display basis for the respective program information (figure 9, label 102).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics, Lemmons, and Scheelke to include the electronic program guide display method, wherein the mode information comprises setting information related to the program information and type information related to the program information, wherein the setting information indicates one of a

display-on setting and display-off setting, for displaying and not displaying the respective program information, and the type information indicates at least one of drama, news, sports, and movies as a display basis for the respective program information as taught by Knudson in order to enhance user interactivity in a new way.

Regarding claim 27, Marics, Lemmons, and Scheelke are silent about the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to the display-on setting which the setting information indicates, and is displayed as a program cell, when the received mode information is the setting information.

Knudson teaches the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to the display-on setting which the setting information indicates, and is displayed as a program cell, when the received mode information is the setting information (figure 9, label 102(setup)).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics, Lemmons, and Scheelke to include the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to the display-on setting which the setting information indicates, and is displayed as a program cell, when the received mode information is the setting information as taught by Knudson in order to enhance user interactivity in a new way.

Regarding claim 28, Marics, Lemmons, and Scheelke are silent about the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to a type which the type information indicates and is displayed as a program cell, when the received mode information is the type information.

Knudson teaches the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to a type which the type information indicates and is displayed as a program cell, when the received mode information is the type information (figure 12b).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Marics, Lemmons, and Scheelke to include the electronic program guide display method, wherein in the step (e), the program information extracted from the stored program information corresponds to a type which the type information indicates and is displayed as a program cell, when the received mode information is the type information as taught by Knudson in order to enhance user interactivity in a new way.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY BANTAMOI whose telephone number is (571)270-3581. The examiner can normally be reached on Monday - Friday 8-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Koenig can be reached on (571) 272 7296. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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